

Figure 1. Cover of DMR binder. The binder is kept in the CHA offices.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
EPA No. 3350-108

PERMITTEE NAME/ADDRESS (Include Facility Name's location if Different)
NAME: ANALYTICAL LABS
ADDRESS: 1204 NORTH USRD STREET
RIDGE, NJ 07081
FACILITY: CALDWELL HOUSING AUTHORITY
LOCATION: 20750 FAIRWAY ROAD
CALDWELL, NJ 08806
ATTN: MICHAEL U. OTTENBER, EXEC DIR

PERMIT NUMBER: 000025453
DISCHARGE NUMBER: 001-A
MONITORING PERIOD
FROM: 07/01/2011 TO: 07/31/2011

DMR Mailing ZIP CODE: 83703
MINOR (BUBB 02)
DISCHARGE TO: SEBREE CANAL
External Outlet
No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Temperature, water temp. centigrade	SAMPLE MEASUREMENT	24.0			24.0	24.2		0	2/31	GRAB	
0010 1.0 Effluent Gross	PERMIT REQUIREMENT				Perf. Mon. MO AVG	Perf. Mon. WPLY AVG	mg/l		Twice Per Month	GRAB	
BOC, 5-day, 20 deg. C	SAMPLE MEASUREMENT	8	9		34	37		0	2/31	COMP	
00310 1.0 Effluent Gross	PERMIT REQUIREMENT	77.3 MO AVG	111.7 WPLY AVG	SD	45 MO AVG	85 WPLY AVG	mg/l		Twice Per Month	COMP-B	
BOC, 5-day, 20 deg. C	SAMPLE MEASUREMENT	67			284			0	2/31	COMP	
00310 0.0 Raw Sewage Influent	PERMIT REQUIREMENT	Perf. Mon. MO AVG		SD	Perf. Mon. MO AVG		mg/l		Twice Per Month	COMP-B	
pH	SAMPLE MEASUREMENT				8.7	8.9		0	2/31	GRAB	
00400 1.0 Effluent Gross	PERMIT REQUIREMENT				MINIMUM	MAXIMUM	SD		Twice Per Month	GRAB	
Sludge, total suspended	SAMPLE MEASUREMENT				55	58		0	2/31	COMP	
00500 1.0 Effluent Gross	PERMIT REQUIREMENT				70 MO AVG	108 WPLY AVG	mg/l		Twice Per Month	COMP-B	
Codition, total MF, MFC broth, 44.5 C	SAMPLE MEASUREMENT					24		0	19/31	GRAB	
31010 1.0 Effluent Gross	PERMIT REQUIREMENT					200 WPLY GEO	8/1000		Weekdays	GRAB	
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	0.0283						0	CONTIN	RECORD	
00050 1.0 Effluent Gross	PERMIT REQUIREMENT	Perf. Mon. MO AVG		Mgand					Continuous	RECORD	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Michael U. Ottenber
TYPED OR PRINTED

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
M. U. Ottenber

TELEPHONE
208-459-8332

DATE
8/11/11

AREA CODE NUMBER

DMR00000000

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Figure 2. July 2011 DMR, page 1.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0054

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: ANALYTICAL LABS
ADDRESS: 1804 NORTH 33RD STREET
BOISE, ID 83703
FACILITY: CALDWELL HOUSING AUTHORITY
LOCATION: 22730 FARMWAY ROAD
CALDWELL, ID 83605
ATTN: MICHAEL U. DITTENBER, EXEC DIR

ID0025453
PERMIT NUMBER

001-A
DISCHARGE NUMBER

DMR Mailing ZIP CODE: 83703
MINOR (SUFR 02)
DISCHARGE TO SEBREE CANAL
External Outfall

MONITORING PERIOD
FROM 07/01/2011 TO 07/31/2011

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
BOD, 5-day, percent removal	SAMPLE MEASUREMENT	88			88				0	1/31	CALC
81010 K O Percent Removal	PERMIT REQUIREMENT	65			65			%		Monthly	CALCD

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Michael U. Dittenber
TYPED OR PRINTED

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
Michael U. Dittenber

TELEPHONE
208-459-2332

DATE
8/11/11

AREA Code NUMBER

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

Figure 3. July 2011 DMR, page 2.



Figure 4. Operator licenses in CHA office. Please note that Juan Mora no longer works for CHA. Tom Krasowski (IES) is currently under contract with CHA as their certified Wastewater Collections and Treatment operator.

ANALYTICAL LABORATORIES, INC.
1804 NORTH 33RD STREET, BOISE, IDAHO 83703
FLOWMETER CALIBRATION CERTIFICATION

COMPANY: CALDWELL HOUSING AUTHORITY
PO BOX 70
CALDWELL, ID 83605

CALIBRATION DATE: OCTOBER 26, 2010

EQUIPMENT:
PRIMARY DEVICE: 60° V-NOTCH WEIR
SECONDARY DEVICE: ULTRA SONIC FLOWMETER
MANUFACTURER: SIGMA
MODEL: 970
SERIAL #: CLW

AS FOUND SETTINGS/ EQUIPMENT DISTANCES:
LOCATION/SETTING AT ZERO FLOW: 0.12"
LOCATION/SETTING AT 100% FLOW: 6.00
FLOW SPAN: 5.88

FINAL CALIBRATION SETTING/EQUIPMENT DISTANCES:
LOCATION/SETTING AT ZERO FLOW: 0.00"
LOCATION/SETTING AT 100% FLOW: 6.00

FINAL FLOW SPAN: 6.00 114.5 GPM

COMMENTS: CALIBRATION .12" HIGH, ADJUSTED

Charles Powers
CHARLES POWERS, SERVICE REPRESENTATIVE

Figure 5. Calibration certificate for ultrasonic flowmeter on effluent weir.

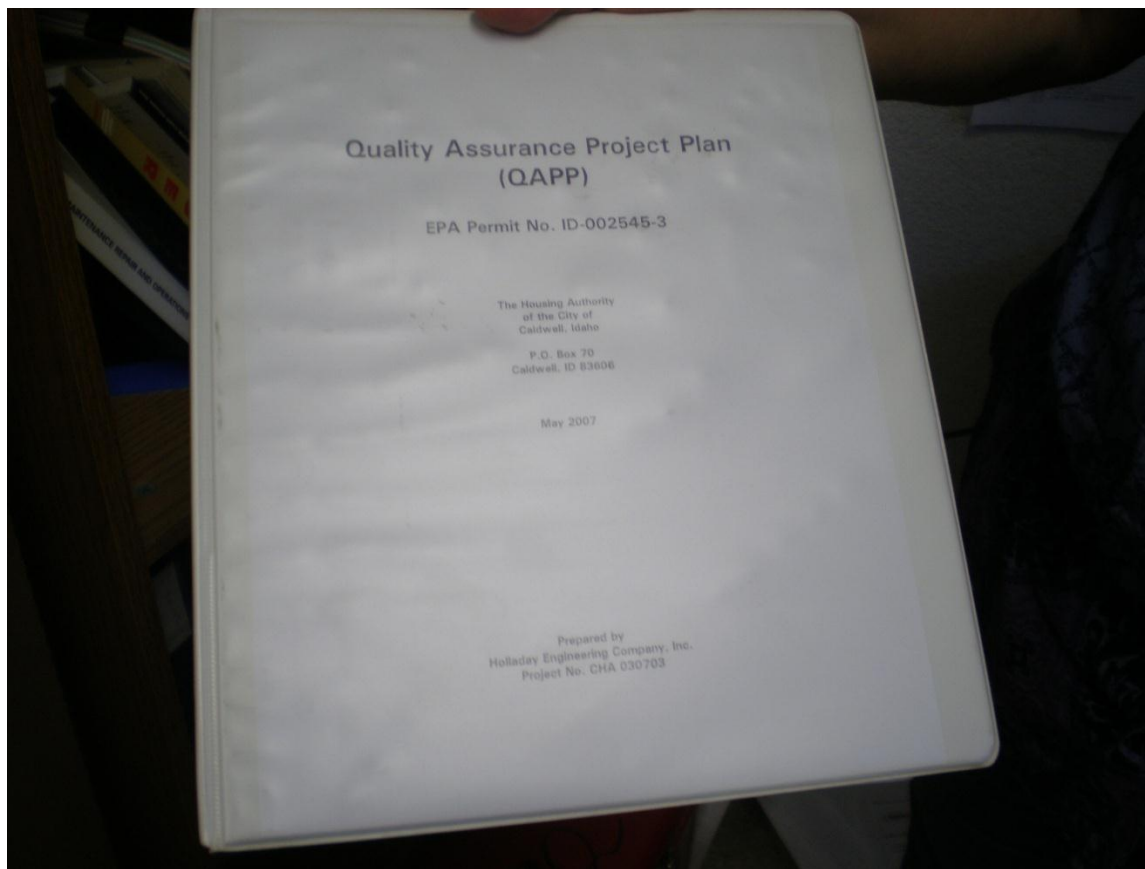


Figure 6. QAP cover.

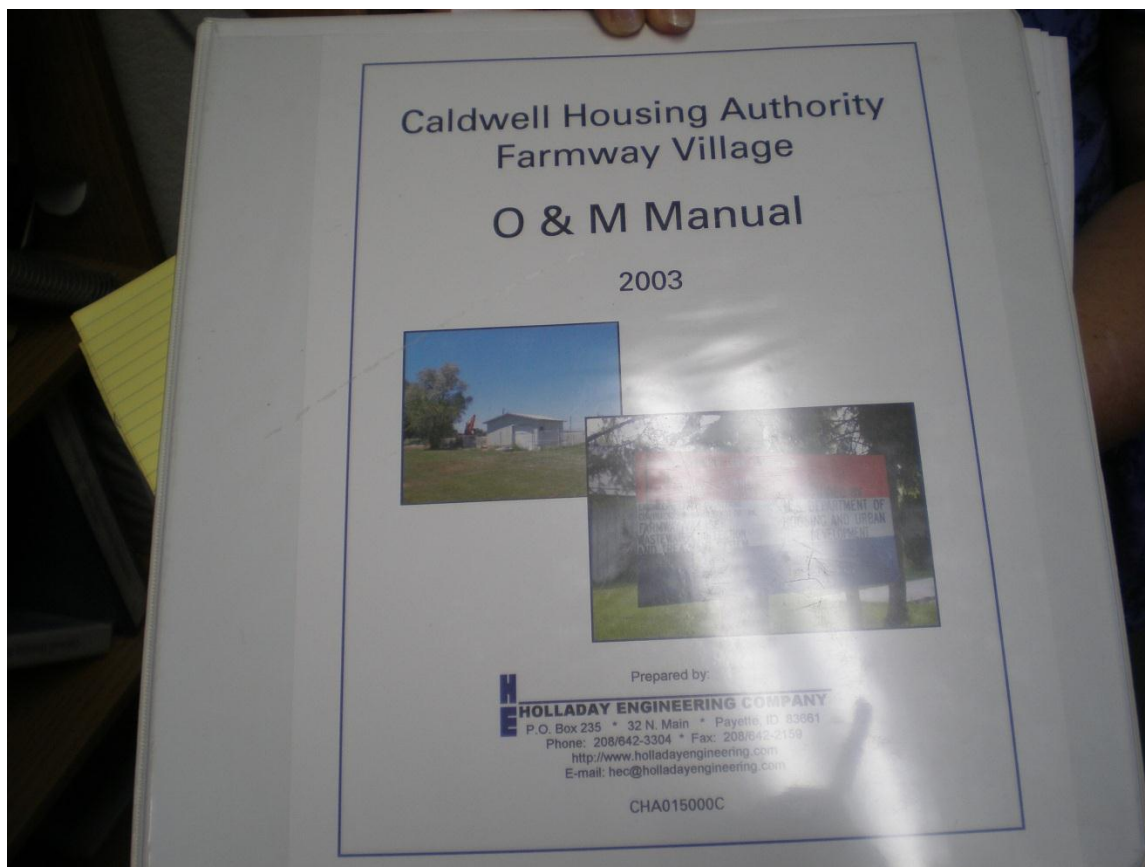


Figure 7. O&M Manual cover.

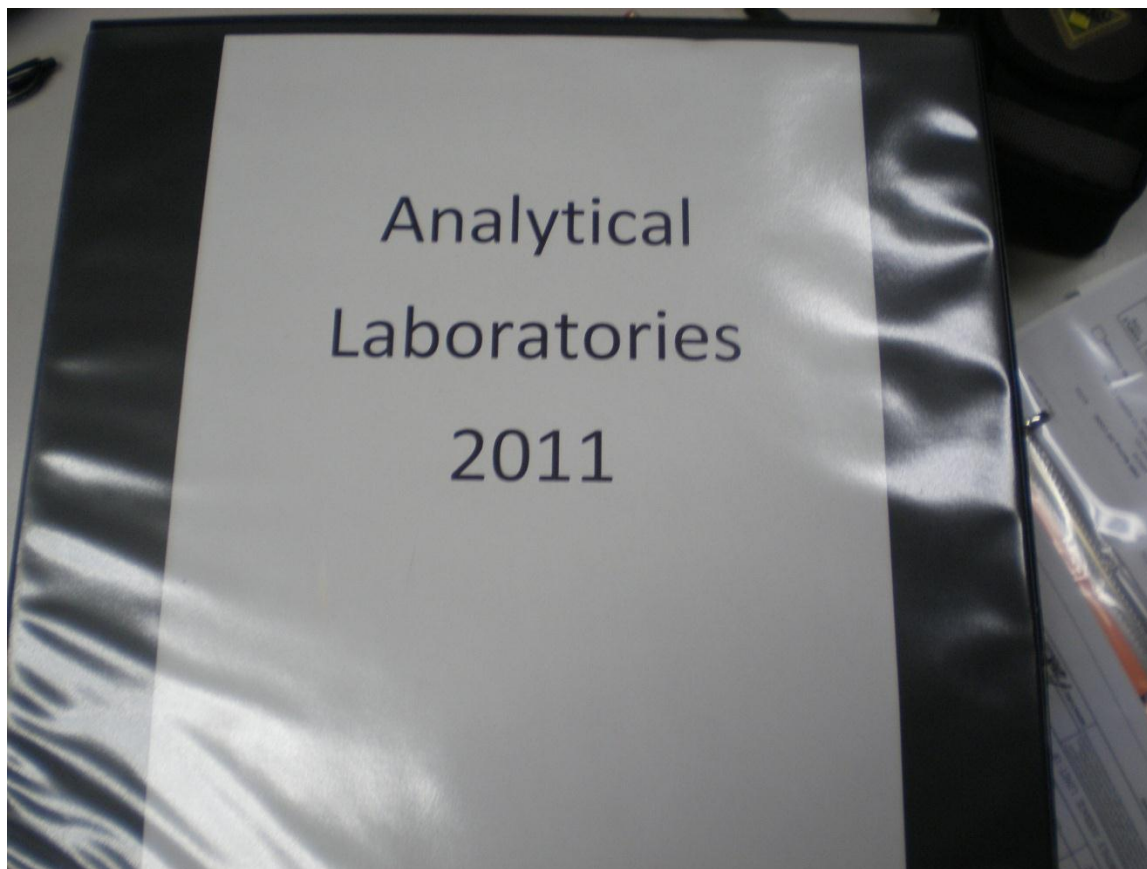


Figure 8. Contract laboratory QAP. Note that all analytical samples are collected by the contract laboratory.



Figure 9. Looking east at Lagoon 1.



Figure 10. looking south at Lagoon 1. Aerator is in the shop being rebuilt.



Figure 11. Close-up of influent pipe into Lagoon 1 (looking east).



Figure 12. Looking south at Lagoon 2. Note duckweed growth at left of photo.



Figure 13. Looking southwest at Lagoon 2. Note that green color at aerators appears to be from duckweed.



Figure 14. Looking west along north berm of Lagoon 2.



Figure 15. Electrical panel between Lagoons 1 and 2 at north edge of site.



Figure 16. Parshall Flume meter box (concrete box at center of photo). Wiring runs along the ground surface through the burned area to the control panel located to the right (see Figure 15, above).



Figure 17. Looking west along the south berm of Lagoon 2.



Figure 18. Looking southwest at Lagoon 3.



Figure 19. Looking west along north berm of Lagoon 3.



Figure 20. Chlorine contact chamber (under tarp).



Figure 21. Electrical panel in hypochlorite treatment building.



Figure 22. Hypochlorite solution storage tank (large white tank at right) and dispenser (at left).



Figure 23. Plant effluent weir. Ultrasonic flow meter is mounted above the v-notch weir shown.



Figure 24. Composite sampler for effluent samples.



Figure 25. Outfall 001 discharge pipe (white PVC in weeds) to Sebree Canal.



Figure 26. Looking north from Outfall 001 to plant treatment building (left of center).